

Meeting Summary

AES Huntington Beach Generating Station 316(b) Quarterly Stakeholder Meeting 18 January 2007 7:00 p.m.

Introduction – Paul Hurt (AES Huntington Beach)

Presentation – David Bailey (EPRI)

316(b) Compliance Update for the Huntington Beach Generating Station

Question and Comments

Major Topics of Discussion

- 316(b) Compliance Process
- Technologies and Operational Measures
- Restoration
- Site-Specific Determination
- 2003-4 Entrainment and Impingement Study

Examples of Questions and Answers from the Meeting

- 316(b) Compliance Process
 - Is 100% entrainment and impingement mortality assumed? Yes. However, the biological effectiveness of various technologies/operational measures is currently being evaluated.
 - When will Units 1&2 go through the 316(b) process? The 316(b) efforts underway at AES Huntington Beach include all four generating units.
- Technologies and Operational Measures
 - Are cooling towers being evaluated? Yes.
 - How much space is required for cooling towers? That is currently being evaluated by AES Huntington Beach.
 - Is intake velocity important for both impingement and entrainment? Intake velocity is primarily important for impingement, since entrainment relates to very small larval forms with very limited or no swimming ability.
 - How often does Huntington Beach Generating Station perform heat treatments? Approximately every six to eight weeks.
- Restoration
 - If restoration is not available as a compliance alternative, what is the likely compliance choice? AES Huntington Beach is currently evaluating all of the compliance alternatives, including technologies and operational measures, use of restoration, and a site-specific determination of compliance.

- Site-Specific Determination
 - How are environmental benefits determined? There are a number of ways to perform a benefits analysis. When EPA developed the 316(b) Phase II regulations, they were required to estimate the environmental benefits of the proposed rule. In that determination, EPA used estimated the benefits to recreational fisheries and commercial fisheries in seven different regions in the U.S., including California.
- 2003-4 Entrainment and Impingement Study
 - How were the larvae sampled/analyzed? Ichthyoplankton were sampled using nets, and organisms identified under microscopes.
 - Were any protected species collected? There were no threatened or endangered species collected in entrainment and impingement samples.
 - What were the boundaries of the larval sampling? The sampling grid extended upcoast 4 km from the intake, downcoast 4 km from the intake, and offshore approximately 3 km.